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Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is the following patent application:

Inventor: 1) JONG-SEO CHOI
2) DONG-HEE HAN
3) SEUNG-KWON HAN
4) DONG-KYUN SEO
5) BU-CHUL SIN
6) HWAN-CHUL RHO

Title: CATHODE FOR ELECTRON TUBE AND METHOD OF
PREPARING THE CATHODE

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 7 sheets, Figures 1 through 12

Claim of priority under 35 U.S.C. §119: **YES**

** U.S. Provisional Application Serial No. 60/299,786 filed on 22 June 2001.

FEE (see formula below): CHECKS ARE ENCLOSED (#40383 and #40384)

Basic Fee \$355/710	\$710.00
Additional Fees:	
Total number of claims in excess of 20: <u>14</u> times \$9/18 .	\$252.00
Number of independent claims in excess of 3: <u> </u> times \$40/80	\$0.00
Multiple Dependent Claims \$135/270	\$0.00
An Assignment is likewise enclosed: Recording Fee \$40 ..	\$40.00
Filing Non-English specification	\$0.00
TOTAL FEES FOR THE ABOVE APPLICATION	\$1,002.00

R. E. BUSHNELL

ATTORNEY AT LAW

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UNITED STATES OF AMERICA

28 September 2001

INTELLECTUAL PROPERTY LAW

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☐ Via International Courier
☐ Via Facsimile No. _____
☐ Via E-Mail Attachment
☐ Please Acknowledge Receipt

Attorney Docket: P56533

Inventor: 1) JONG-SEO CHOI
2) DONG-HEE HAN
3) SEUNG-KWON HAN
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5) BU-CHUL SIN
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Title: CATHODE FOR ELECTRON TUBE AND METHOD OF
PREPARING THE CATHODE

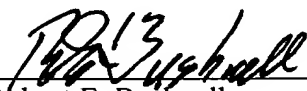
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
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Suite 300
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Respectfully submitted,



Robert E. Bushnell
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REB/sb

02-4943-0000

09/28/01

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	To be assigned
Filing Date	28 September 2001
First Named Inventor	JONG-SEO CHOI et al.
Examiner Name	To be assigned
Group/Art Unit	To be assigned
Attorney Docket No.	P56533

TOTAL AMOUNT OF PAYMENT (\$)1,002.00

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943

Deposit Account Number: _____

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:
(CHECK #40383 & #40384)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$710.00
106	320	206	160	Design filing fee	\$
107	490	207	245	Plant filing fee	\$
108	710	208	355	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
SUBTOTAL (1)					(\$) <u>710.00</u>

2. EXTRA CLAIM FEES

			Extra Claims		Fee from below		Fee Paid
Total claims	34	-20** =	14	x	18.00	=	252.00
Independent Claims	3	-3** =		x		=	
Multiple Dependent						=	

** or number previously paid, if greater; For Reissues. see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)252.00

3. ADDITIONAL FEES


Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge-late filing fee or oath	\$
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For filing a request for reexamination	\$
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$
115	110	215	55	Extension for reply within first month	\$
116	390	216	195	Extension for reply within second month	\$
117	890	217	445	Extension for reply within third month	\$
118	1,390	218	695	Extension for reply within fourth month	\$
128	1,890	228	945	Extension for reply within fifth month	\$
119	310	219	155	Notice of Appeal	\$
120	310	220	155	Filing a brief in support of an appeal	\$
121	270	221	135	Request for oral hearing	\$
138	1,510	138	1,510	Petition to institute a public use proceeding	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,240	241	620	Petition to revive - unintentional	\$
142	1,240	242	620	Utility issue fee (or reissue)	\$
143	440	243	220	Design issue fee	\$
144	600	244	300	Plant issue fee	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	240	126	240	Submission of Information Disclosure Statement	\$
581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$40.00
146	710	246	355	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
149	710	249	355	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.			Reg. Number	27,774	
Signature				Date	28 September 2001	Deposit Account User ID

REB/sb

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.